

STATE OF TENNESSEE  
AIR POLLUTION CONTROL BOARD  
DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
NASHVILLE, TENNESSEE 37243



OPERATING PERMIT Issued Pursuant to Tennessee Air Quality Act

Date Issued: August 11, 2014

Permit Number:  
068982P

Date Expires: March 1, 2024

Issued To:  
Charter Communications, LLC

Installation Address:  
906 Webb Avenue  
Crossville

Installation Description:  
One 82 Hp Natural Gas Fired Emergency Generator

Emission Source Reference No.  
18-0202-01  
NSPS Subpart JJJJ  
MACT ZZZZ

The holder of this permit shall comply with the conditions contained in this permit as well as all applicable provisions of the Tennessee Air Pollution Control Regulations.

CONDITIONS:

1. The application that was utilized in the preparation of this permit is dated July 8, 2014, and signed by Kathy Carrington, Senior Vice President - Corporate Services for the permitted facility. If this person terminates employment or is reassigned different duties and is no longer the responsible person to represent and bind the facility in environmental permitting affairs, the owner or operator of this air contaminant source shall notify the Technical Secretary of the change. Said notification shall be in writing and submitted within thirty (30) days of the change. The notification shall include the name and title of the new person assigned by the source owner or operator to represent and bind the facility in environmental permitting affairs. All representations, agreement to terms and conditions and covenants made by the former responsible person that were used in the establishment of limiting permit conditions on this permit will continue to be binding on the facility until such time that a revision to this permit is obtained that would change said representations, agreements and covenants.

(Conditions continued on next page)

  
TECHNICAL SECRETARY

No Authority is Granted by this Permit to Operate, Construct, or Maintain any Installation in Violation of any Law, Statute, Code, Ordinance, Rule, or Regulation of the State of Tennessee or any of its Political Subdivisions.

NON-TRANSFERABLE

**POST AT INSTALLATION ADDRESS**

2. The maximum heat input for this source shall not exceed 0.75 million Btu per hour. TAPCR 1200-03-09-.01(1)(d) and the application dated March 14, 2014.
3. Operating time for maintenance checks and readiness testing shall not exceed 100 hours per calendar year. This source may be operated for up to 50 hours per calendar year in non-emergency situations. The 50 hours of operation in non-emergency situations are counted as part of the 100 hours per calendar year for maintenance and testing. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart JJJJ.
4. Only natural gas shall be used as fuel for this source. TAPCR 1200-03-07-.07(2).
5. Particulate Matter (TSP) emitted from this source shall not exceed 0.6 lb/MMBtu (0.45 pounds per hour). Compliance with this emission limit shall be assured by compliance with **Conditions 2 and 4** of this permit. TAPCR 1200-03-06-.02(2).
6. Carbon monoxide (CO) emitted from this source shall not exceed 17.3 pounds per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart JJJJ.
7. Volatile organic compounds (VOCs) emitted from this source shall not exceed 0.3 pounds per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart JJJJ.
8. Nitrogen oxides (NO<sub>x</sub>) emitted from this source shall not exceed 0.5 pounds per hour. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart JJJJ.
9. Compliance with the emission limits in **Conditions 6, 7, and 8** is based on compliance with **Conditions 2, 4, and 13** of this permit.
10. The generator shall be equipped with a non-resettable hour meter. TAPCR 1200-03-09-.03(8) and 40 CFR 60 Subpart JJJJ.
11. Visible emissions from this source shall not exhibit greater than twenty percent (20%) opacity, except for one (1) six-minute period in any one (1) hour period, and for no more than four (4) six-minute periods in any twenty-four (24) hour period. Visible emissions from this source shall be determined by EPA Method 9, as published in the current 40 CFR 60, Appendix A (six-minute average). TAPCR 1200-03-05-.03(6) and TAPCR 1200-03-05-.01(1)
12. The permittee shall keep a log of the number of operating hours for each month and each calendar year interval for this source, in a form that readily provides the information required in the following table and shows compliance with **Conditions 3 and 4**. All data, including all required calculations, must be entered in the log no later than thirty (30) days from the end of the month for which the data is required. The permittee shall retain this record for the source for a period of not less than two (2) years and keep this record available for inspection by the Technical Secretary or their representative. TAPCR 1200-03-10-.02(2)(a).

MONTHLY/YEARLY LOG: Source 18-0202-01

Year:				
	Operating Hours per Month			
<b>Month</b>	<b>Maintenance checks &amp; readiness testing</b>	<b>Other non-emergency operation</b>	<b>Emergency operation</b>	<b>Comments**</b>
January				
February				
March				
April				
May				
June				
July				
August				
September				
October				
November				
December				
<b>Totals</b>				
** The owner or operator must document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation.				

13. Pursuant to 40 CFR §60.4243, the permittee shall comply with either of the following requirements:
- (a) Operate and maintain the certified stationary SI internal combustion engine and control device according to the manufacturer's emission-related written instructions and keep records of conducted maintenance to demonstrate compliance; or
  - (b) Keep a maintenance plan and records of conducted maintenance to demonstrate compliance, and to the extent practicable, maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions. Performance testing is not required for an owner or operator of a stationary SI internal combustion engine less than 100 hp.
14. Under the Provisions of 40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE), this facility is considered to be “new” stationary RICE located at an “Area Source.” This unit is considered to be new because its construction commenced on or after June 12, 2006. (§63.6590).

This rule states that “new” RICE units at area sources that started up after January 18, 2008, must comply with the applicable emission limitations and operating limitations upon startup.

§63.6590(c) states that a new or reconstructed stationary RICE located at an area source must meet the requirements of this part by meeting the requirements of 40 CFR Part 60 Subpart JJJJ, for stationary spark ignition internal combustion engines. No further requirements apply for such engines under Subpart ZZZZ.

TAPCR 1200-03-09-.03(8) and 40 CFR 63 Subpart ZZZZ.

15. This permit is valid only at this location. TAPCR 1200-03-09-.03(6).
16. This source shall comply with all applicable state and federal air pollution regulations. This includes, but is not limited to, federal regulations published under 40 CFR 63 for sources of hazardous air pollutants and 40 CFR 60, New Source Performance Standards. TAPCR 1200-03-09-.03(8).
17. This source shall operate in accordance with the terms of this permit and the information submitted in the approved permit application. TAPCR 1200-03-09-.02(6).

18. The permittee shall apply for renewal of this permit not less than sixty (60) days prior to the permit expiration date, pursuant to Rule 1200-03-09-.02(3) of the Tennessee Air Pollution Control Regulations.
19. This permit supersedes any previous permit(s) for this source. TAPCR 1200-03-09-.02(6).

(End of conditions)